

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
 Data File : BF112216.D
 Acq On : 24 Jan 2019 18:38
 Operator : JU/SJ
 Sample : K1223-04 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-P

Manual Integrations
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Quant Time: Jan 25 00:34:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	167099	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	801898	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	354487	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	578964	20.00	ng	0.00
76) Chrysene-d12	14.03	240	441549	20.00	ng	0.00
87) Perylene-d12	15.50	264	310875	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	585162	63.56	ng	0.00
7) Phenol-d6	6.50	99	636577	55.27	ng	0.00
23) Nitrobenzene-d5	7.42	82	438297	37.76	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	184502	48.25	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	794709	32.87	ng	0.00
79) Terphenyl-d14	12.96	244	607609	29.27	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	66597	2.576	ng	Qvalue # 98
71) Phenanthrene	11.40	178	320457	10.998	ng	97
72) Anthracene	11.46	178	81060	2.746	ng	98
75) Fluoranthene	12.60	202	376625	12.243	ng	97
78) Pyrene	12.83	202	326096	11.194	ng	98
81) Benzo(a)anthracene	14.02	228	152012	6.004	ng	97
83) Chrysene	14.05	228	128975	5.384	ng	97
86) Indeno(1,2,3-cd)pyrene	17.00	276	46811	2.118	ng	# 93
88) Benzo(b)fluoranthene	15.07	252	136071m	7.711	ng	
89) Benzo(k)fluoranthene	15.10	252	42915m	2.513	ng	
90) Benzo(a)pyrene	15.44	252	85922	5.309	ng	# 85
92) Benzo(a,h,i)perylene	17.45	276	36163	2.554	ng	# 90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

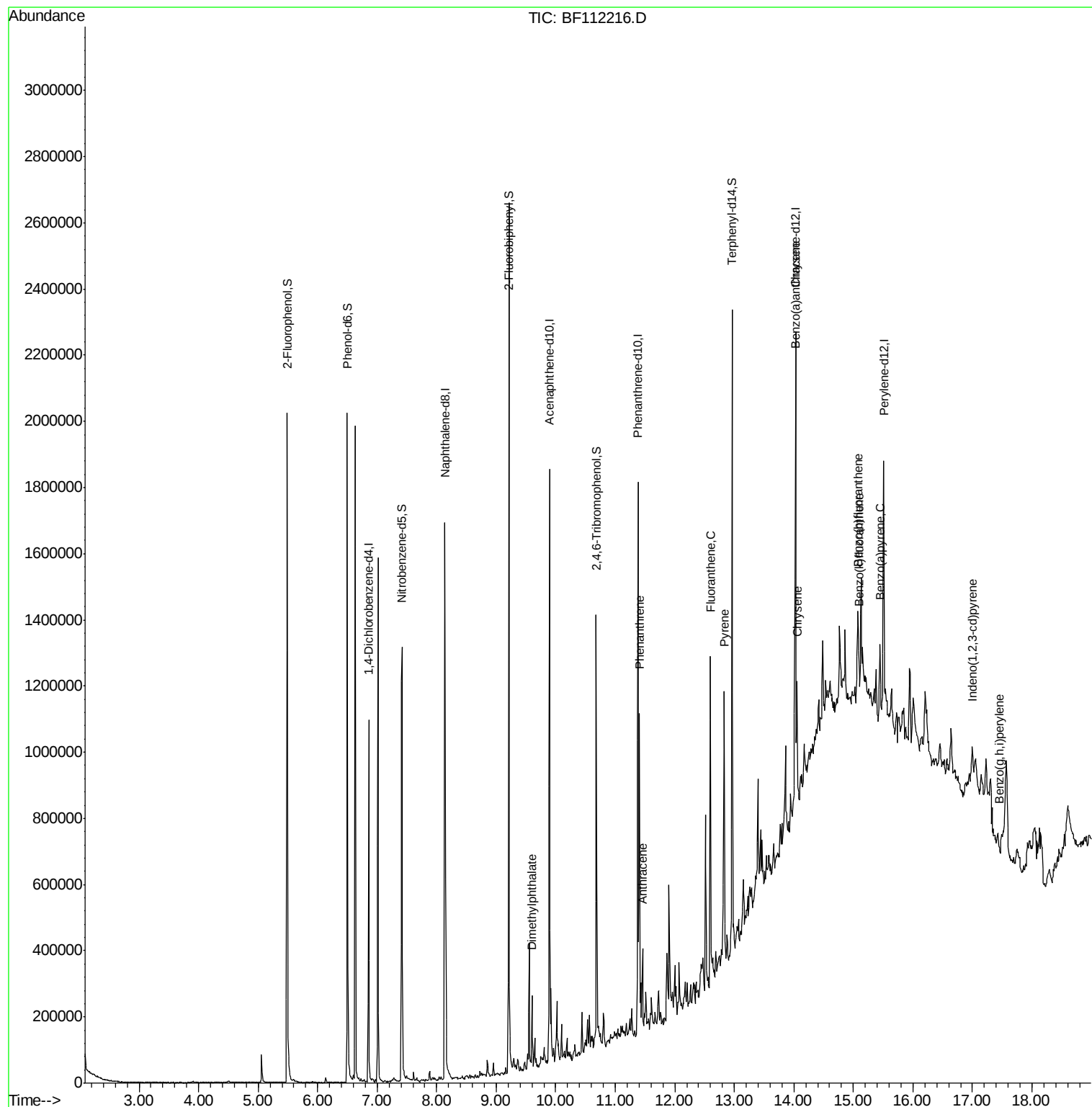
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012419\
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ALS Vial : 13 Sample Multiplier: 1

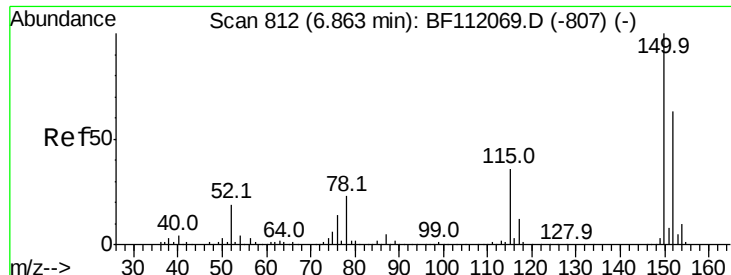
Instrument :
BNA_F
ClientSampled :
TS-P

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Quant Time: Jan 25 00:34:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

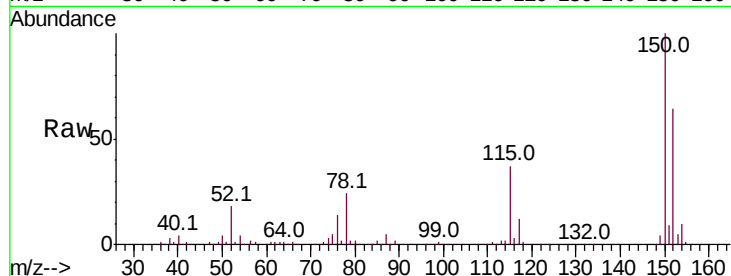
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112216.D
Acq: 24 Jan 2019 18:38

Instrument :
BNA_F
ClientSampled :
TS-P

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.4	191.0
115	58.4	45.5	68.3

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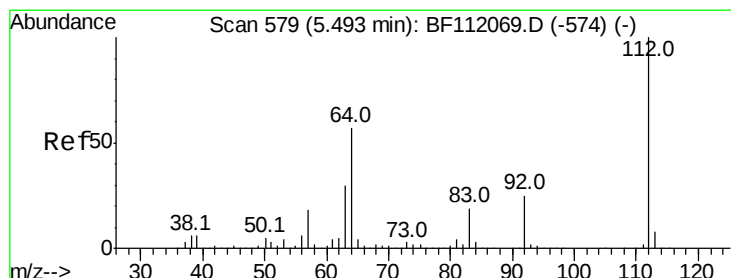
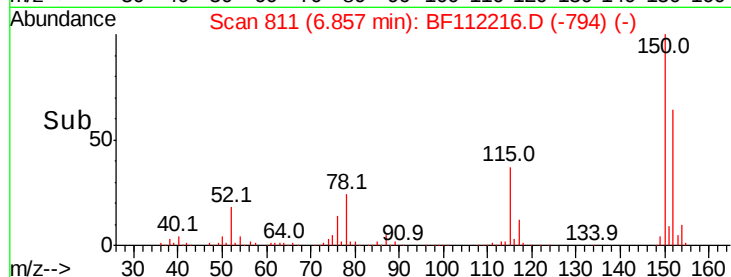
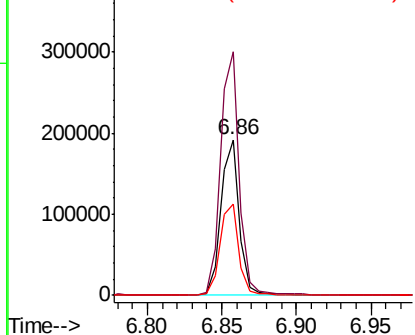


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

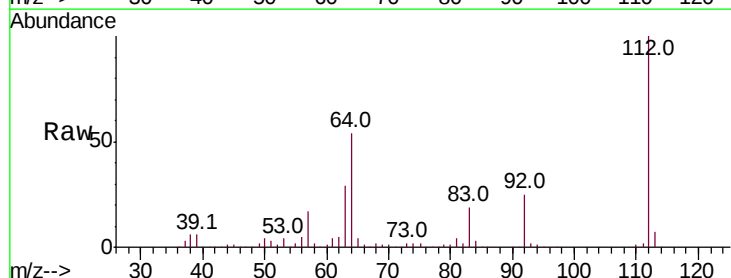
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 63.561 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF112216.D
Acq: 24 Jan 2019 18:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	45.7	68.5
63	29.2	23.6	35.4

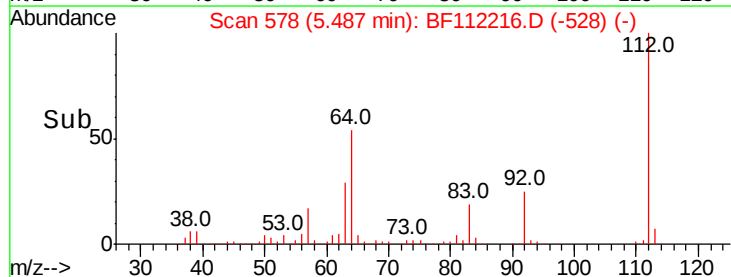
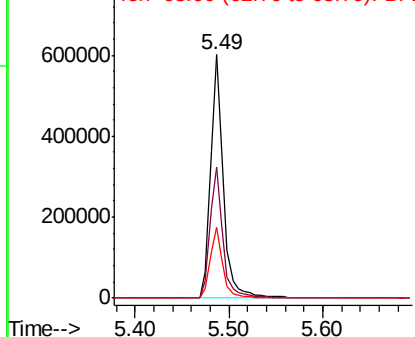


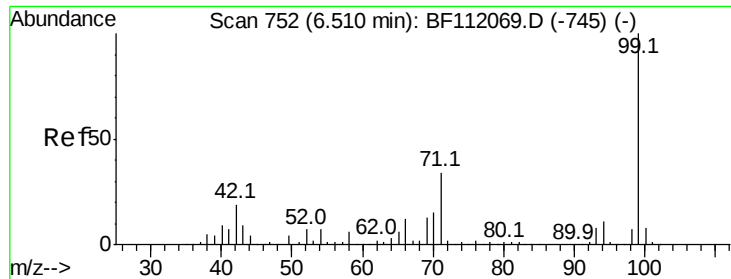
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 55.265 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112216.D

Acq: 24 Jan 2019 18:38

Instrument :

BNA_F

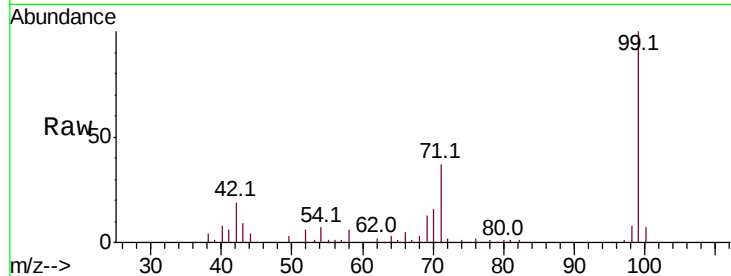
ClientSampled :

TS-P

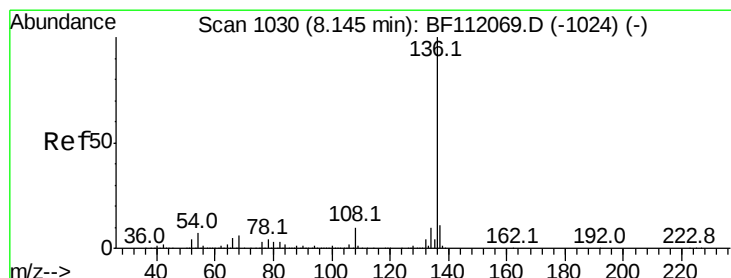
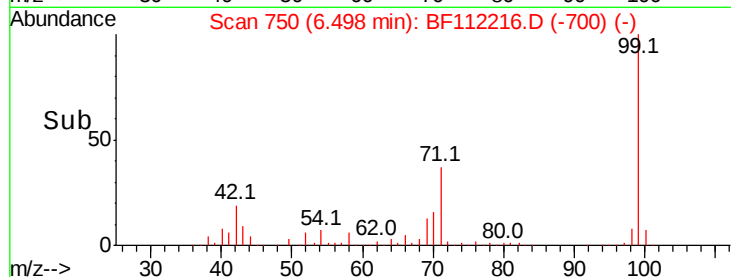
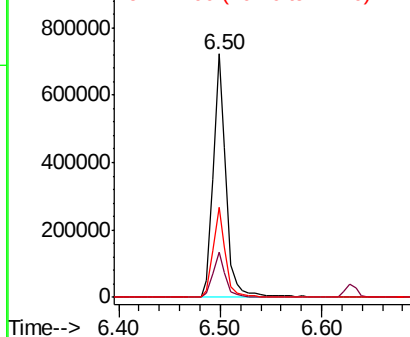
Tot Ion:	99	Resp:	636577
Ion Ratio	Lower	Upper	
99	100		
42	18.5	15.1	22.7
71	36.7	26.9	40.3

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

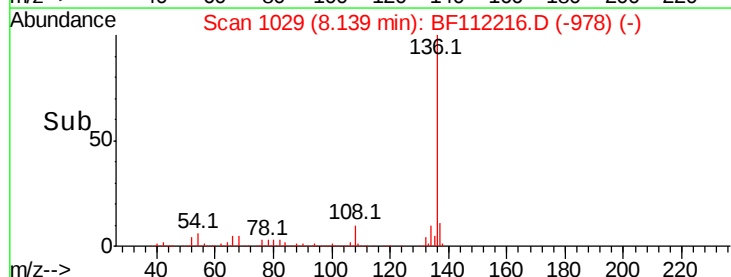
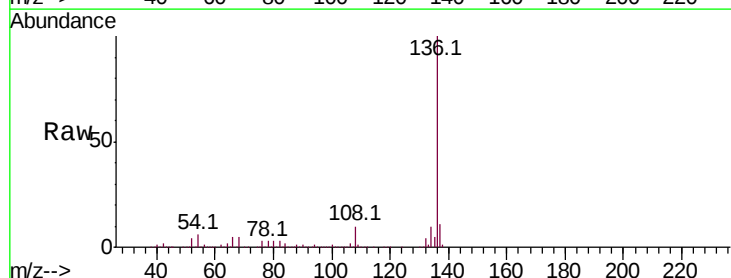
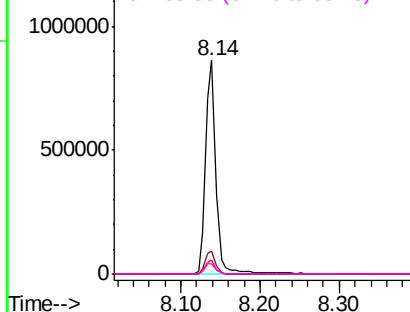
Delta R.T. 0.00 min

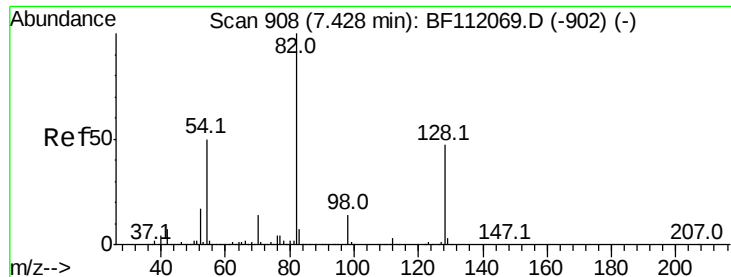
Lab File: BF112216.D

Acq: 24 Jan 2019 18:38

Tgt Ion:	136	Resp:	801898
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	6.3	5.9	8.9
68	4.9	5.1	7.7#

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





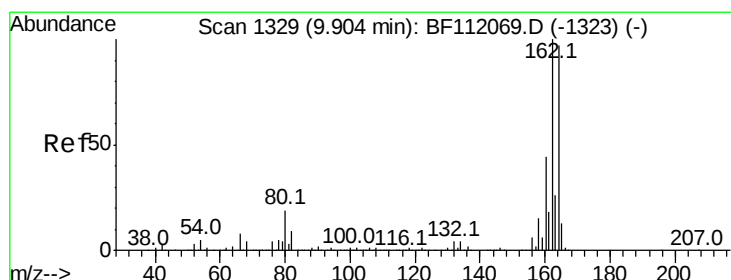
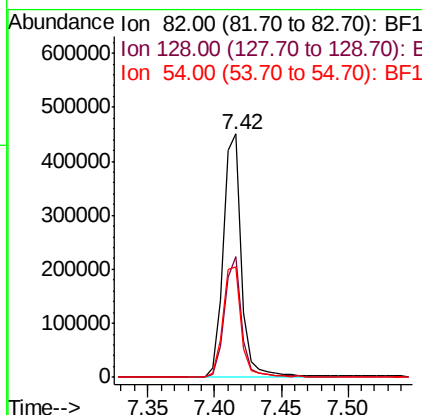
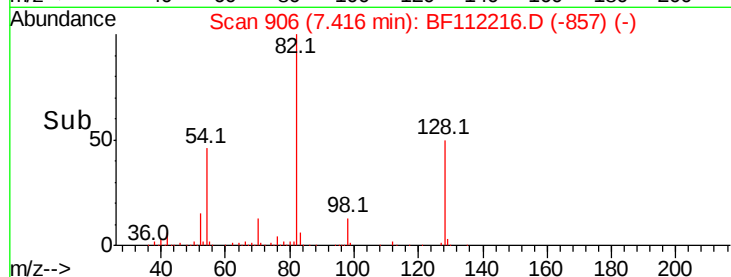
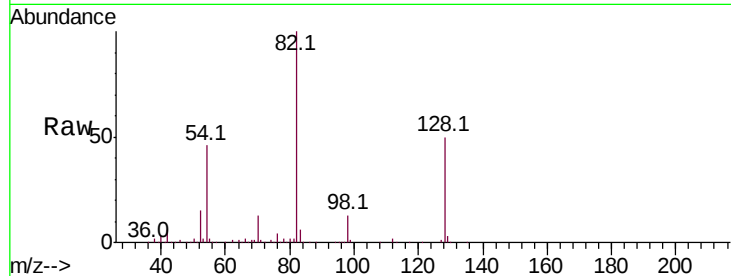
#23
 Nitrobenzene-d5
 Concen: 37.762 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF112216.D
 Acq: 24 Jan 2019 18:38

Instrument :
 BNA_F
 ClientSampled :
 TS-P

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.8	37.8	56.8
54	45.5	39.7	59.5

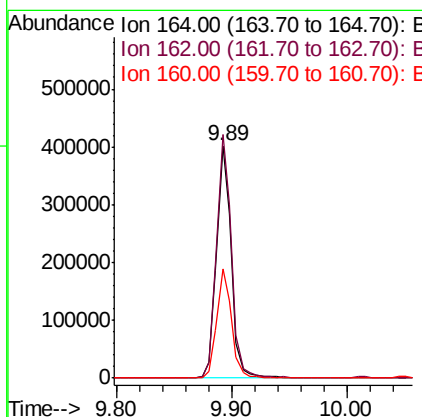
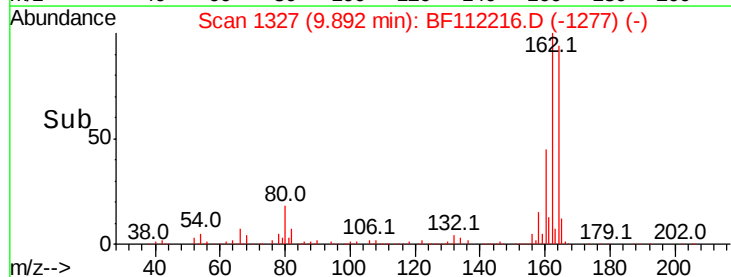
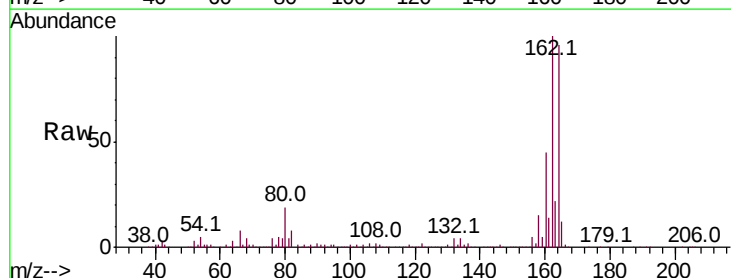
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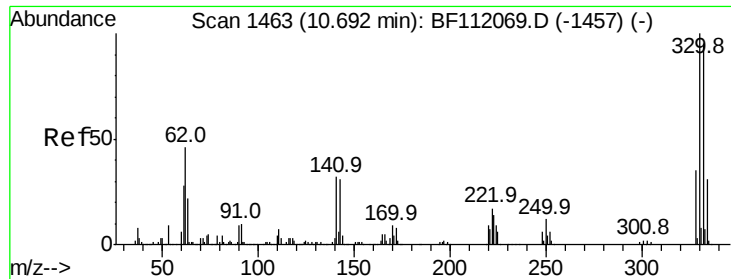
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF112216.D
 Acq: 24 Jan 2019 18:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.2	123.4
160	46.8	36.2	54.4





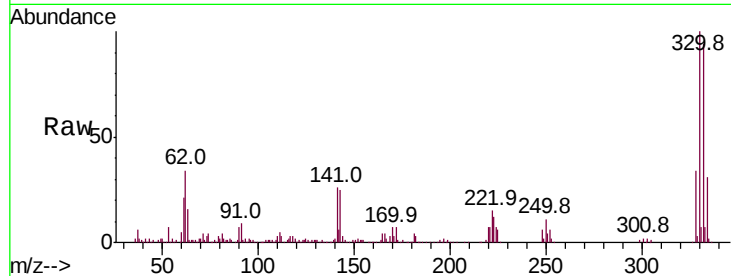
#42
 2,4,6-Tribromophenol
 Concen: 48.247 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112216.D
 Acq: 24 Jan 2019 18:38

Instrument :
 BNA_F
 ClientSampled :
 TS-P

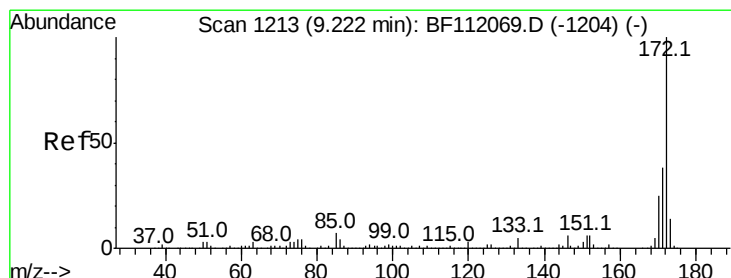
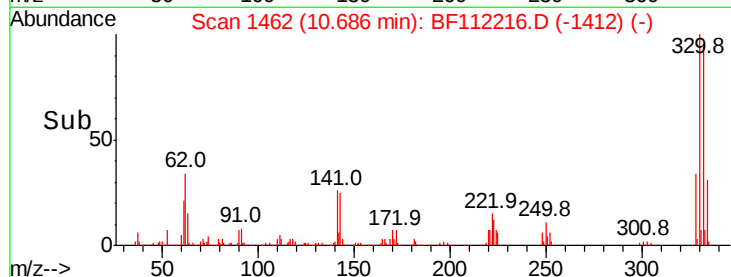
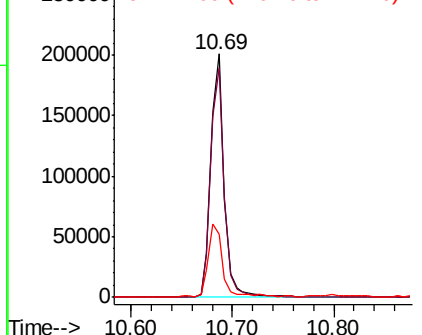
Tot Ion	Ratio	Resp	Lower	Upper
330	100	184502		
332	96.8	76.6	114.8	
141	31.8	24.3	36.5	

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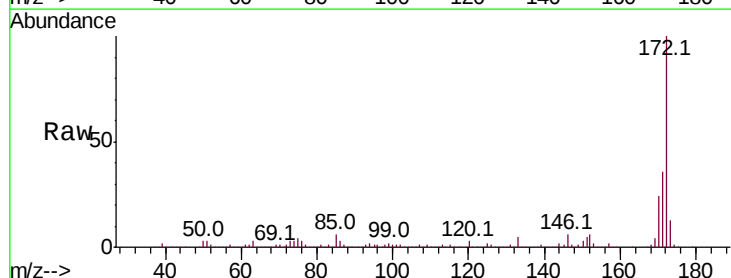


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

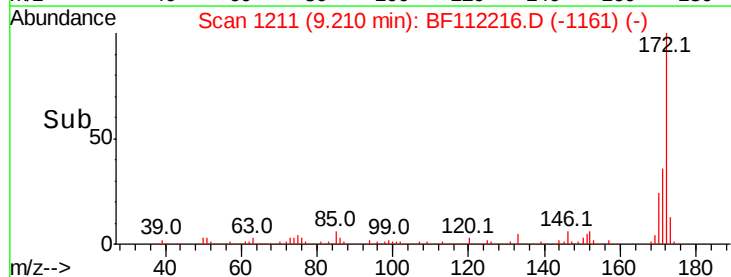
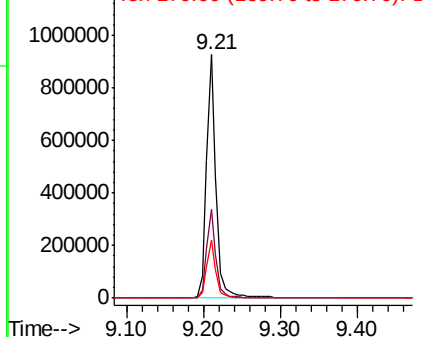


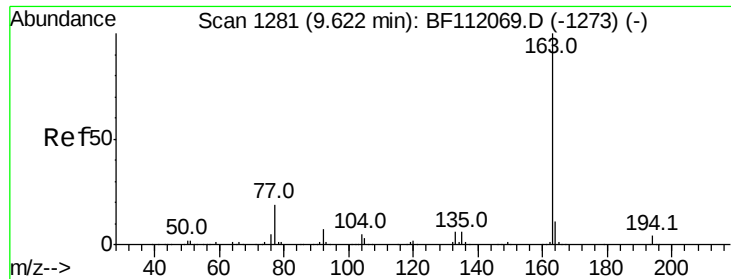
#45
 2-Fluorobiphenyl
 Concen: 32.868 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112216.D
 Acq: 24 Jan 2019 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	794709		
171	36.3	30.5	45.7	
170	23.7	20.2	30.4	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.576 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF112216.D

Acq: 24 Jan 2019 18:38

Instrument :

BNA_F

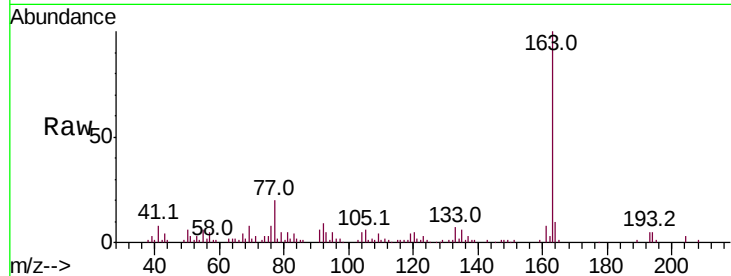
ClientSampled :

TS-P

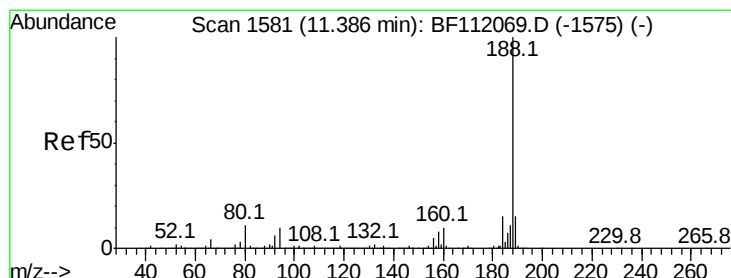
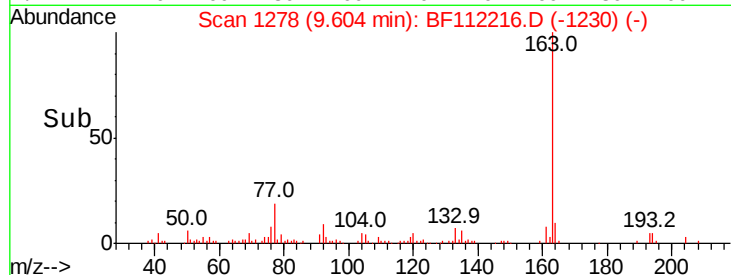
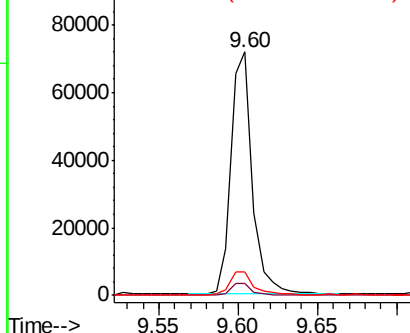
Tot Ion:	163	Resp:	66597
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.3	4.9#
164	9.8	8.5	12.7

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

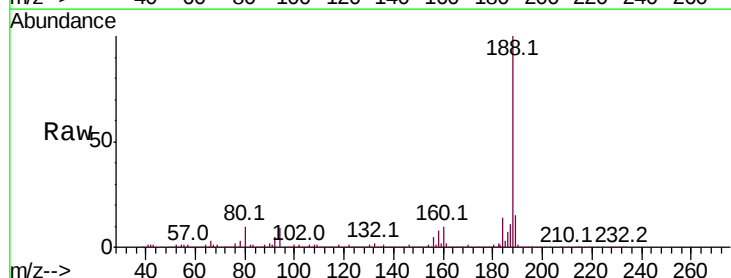
RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

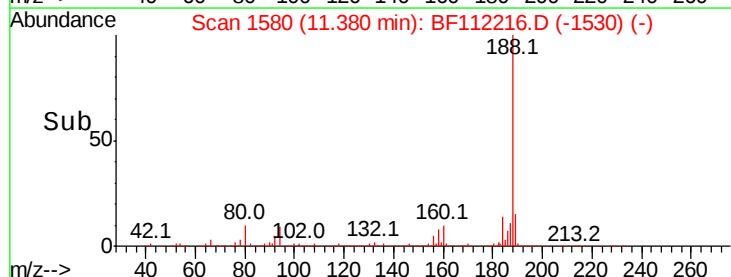
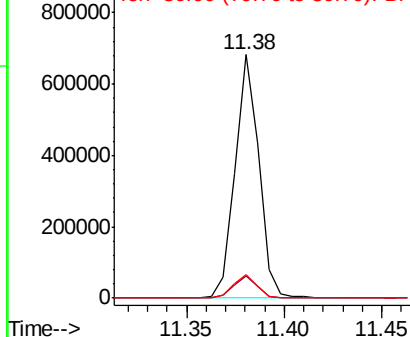
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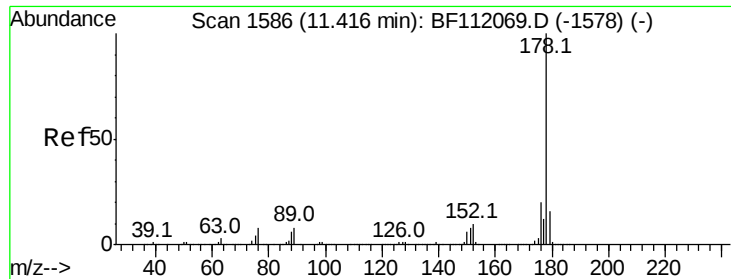
Acq: 24 Jan 2019 18:38

Tgt Ion:	188	Resp:	578964
Ion Ratio	Lower	Upper	
188	100		
94	9.1	8.2	12.2
80	9.6	8.9	13.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





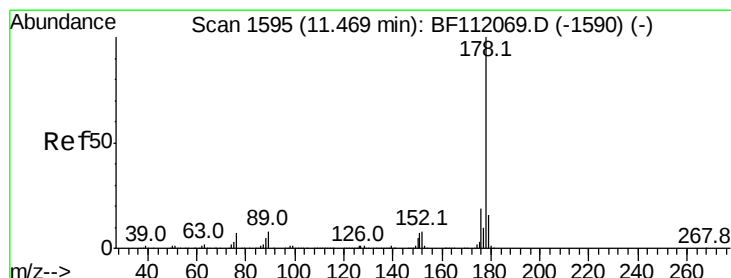
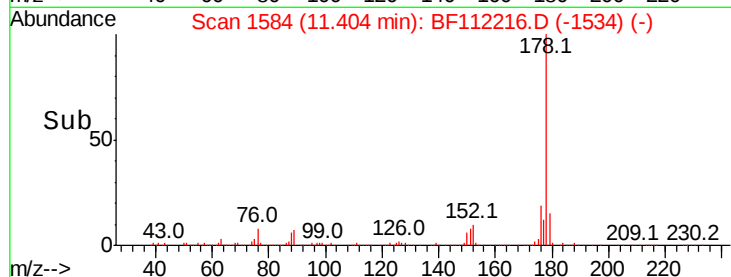
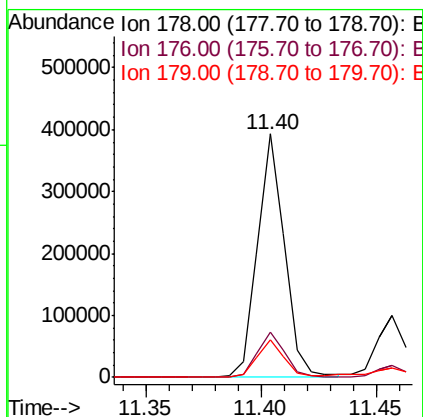
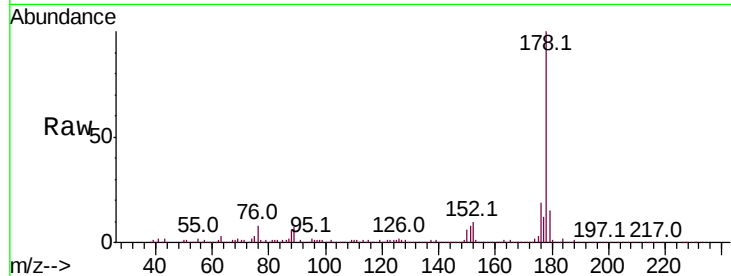
#71
Phenanthrene
Concen: 10.998 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF112216.D
Acq: 24 Jan 2019 18:38

Instrument :
BNA_F
ClientSampled :
TS-P

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.3	24.5
179	15.5	13.0	19.4

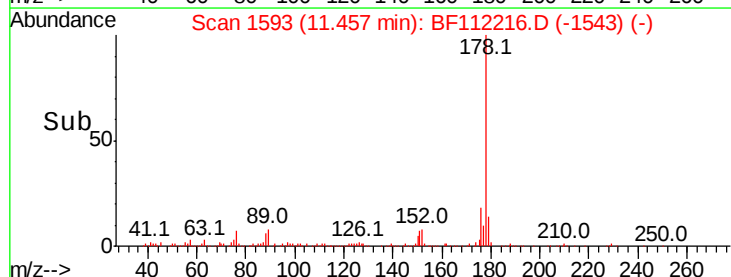
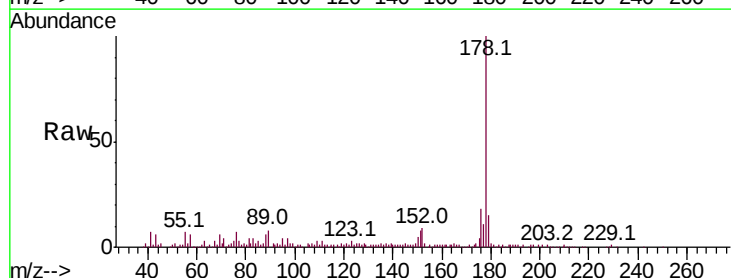
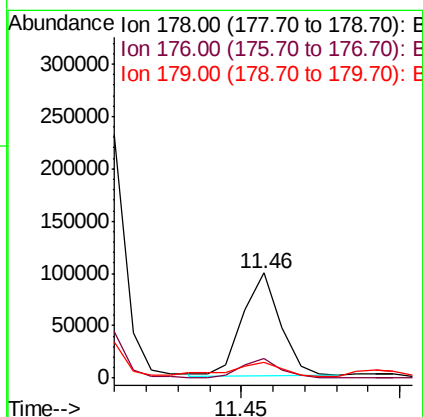
Manual Integrations
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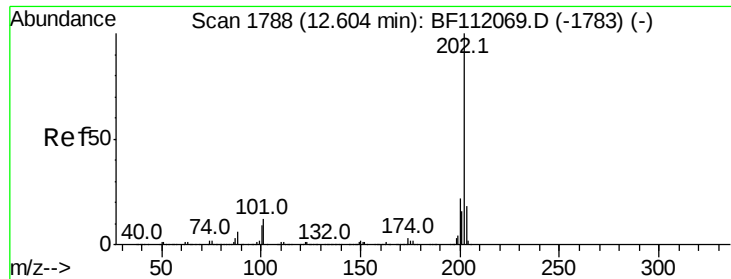
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#72
Anthracene
Concen: 2.746 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF112216.D
Acq: 24 Jan 2019 18:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	15.0	12.8	19.2





#75

Fluoranthene

Concen: 12.243 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF112216.D

Acq: 24 Jan 2019 18:38

Instrument :

BNA_F

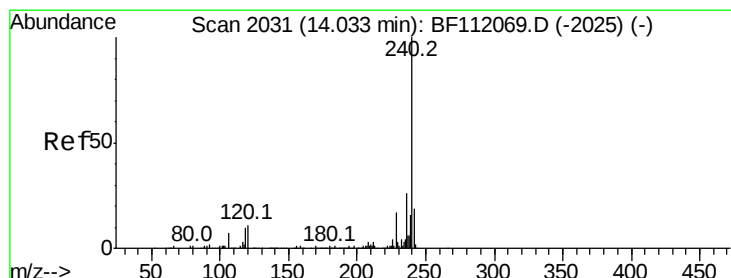
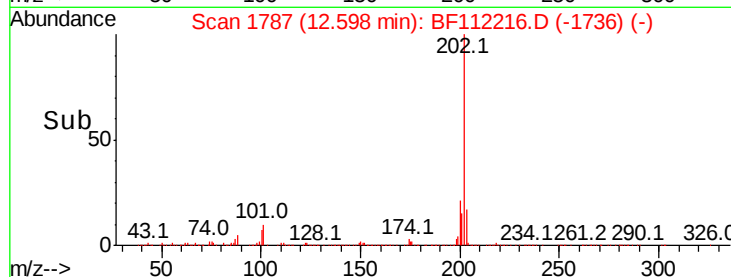
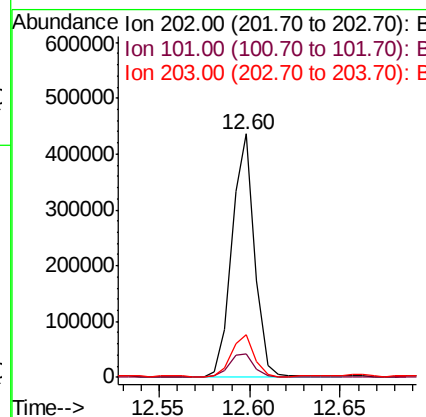
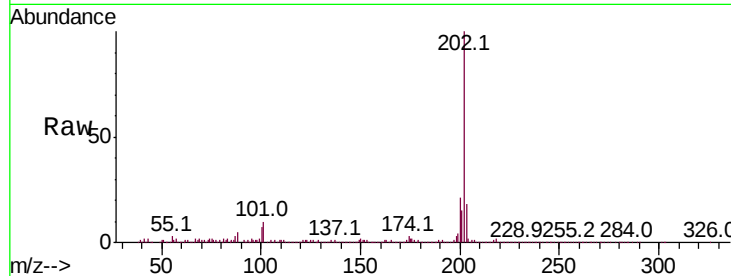
ClientSampled :

TS-P

Tot Ion	Ratio	Resp	Lower	Upper
202	100	376625		
101	9.8	0.0	31.8	
203	17.5	0.0	38.4	

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#76

Chrysene-d12

Concen: 20.000 ng

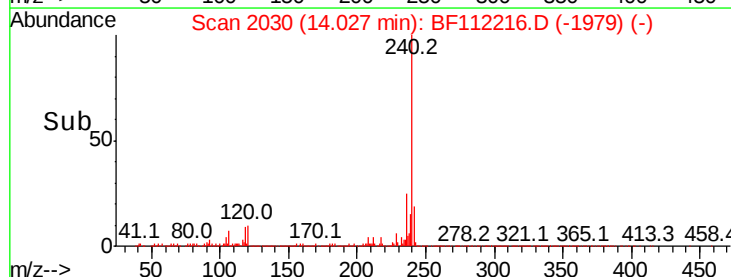
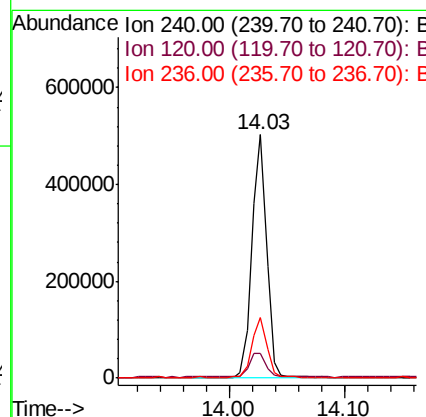
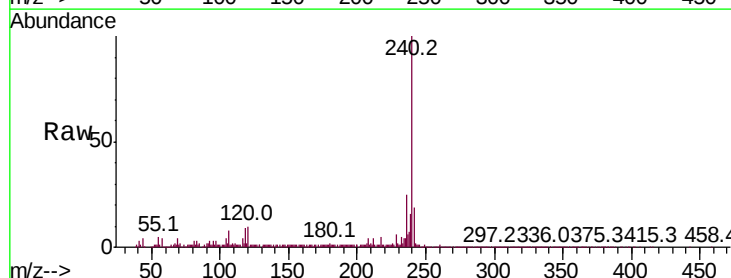
RT: 14.03 min Scan# 2030

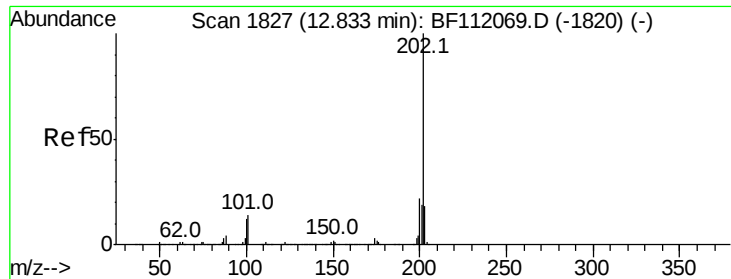
Delta R.T. 0.00 min

Lab File: BF112216.D

Acq: 24 Jan 2019 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	441549		
120	10.2	9.0	13.6	
236	24.8	20.7	31.1	





#78

Pvrene

Concen: 11.194 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF112216.D

Acq: 24 Jan 2019 18:38

Instrument :

BNA_F

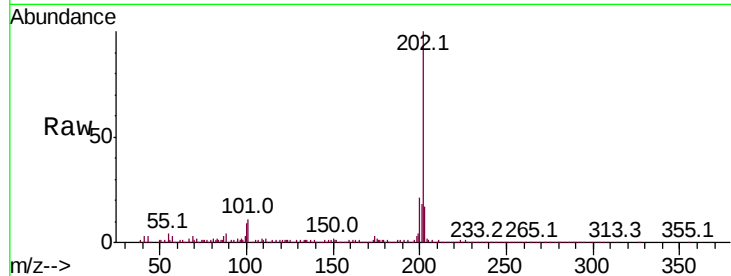
ClientSampled :

TS-P

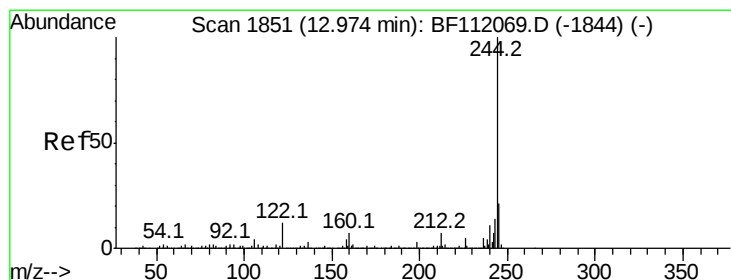
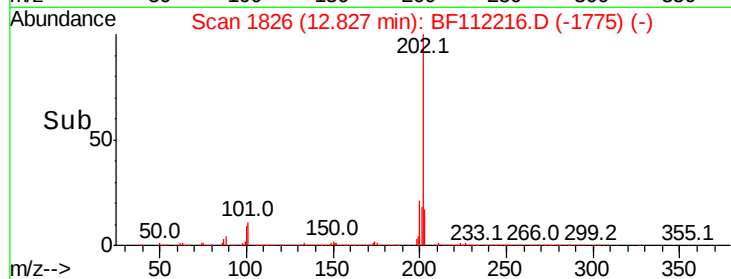
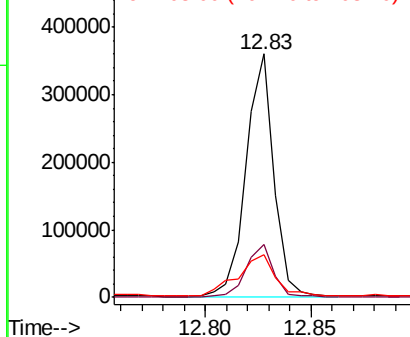
Tot Ion:	202	Resp:	326096
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.7	26.5
203	17.4	14.6	22.0

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 29.274 ng

RT: 12.96 min Scan# 1849

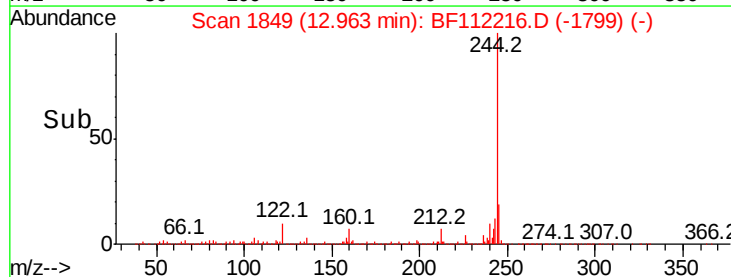
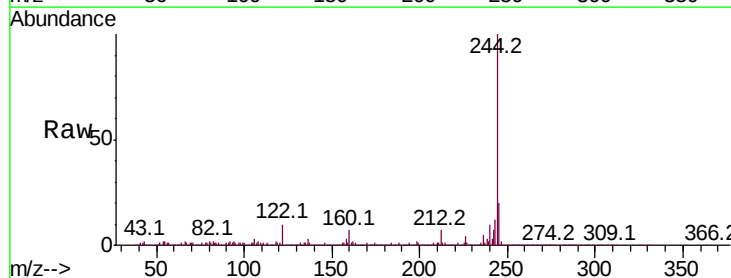
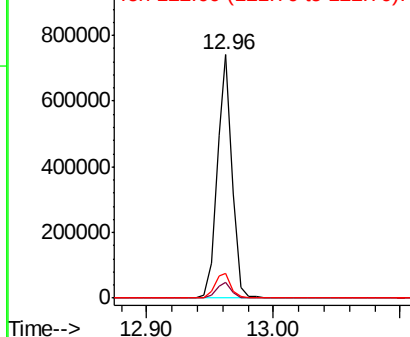
Delta R.T. -0.01 min

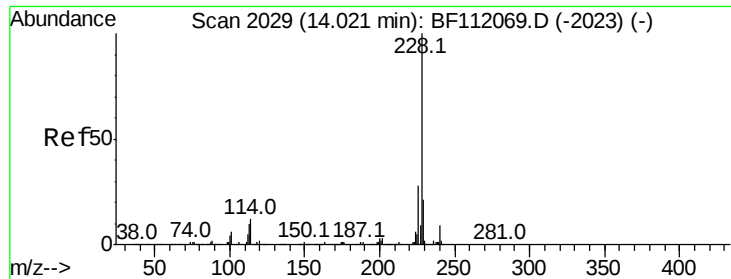
Lab File: BF112216.D

Acq: 24 Jan 2019 18:38

Tgt Ion:	244	Resp:	607609
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.9	8.9
122	10.3	9.8	14.6

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 6.004 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF112216.D

Acq: 24 Jan 2019 18:38

Instrument :

BNA_F

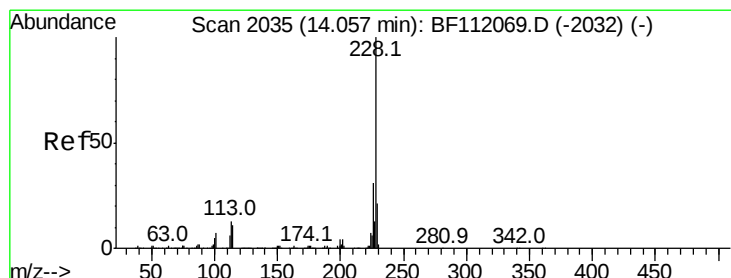
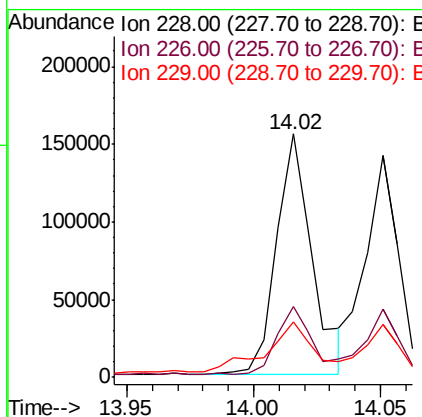
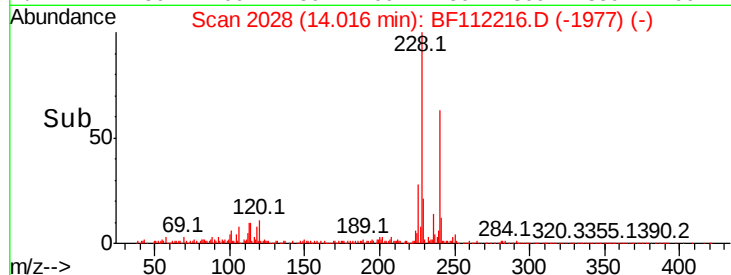
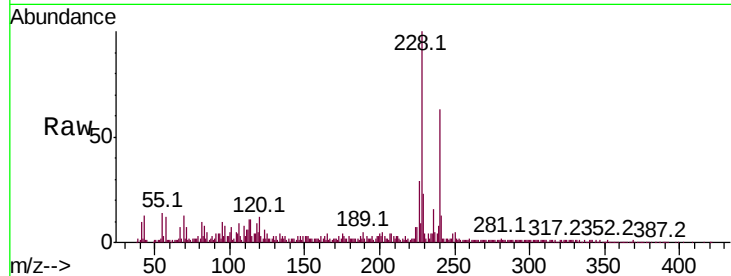
ClientSampleId :

TS-P

Tot Ion:	228	Resp:	152012
Ion Ratio	Lower	Upper	
228	100		
226	29.3	22.6	34.0
229	22.9	16.5	24.7

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#83

Chrysene

Concen: 5.384 ng

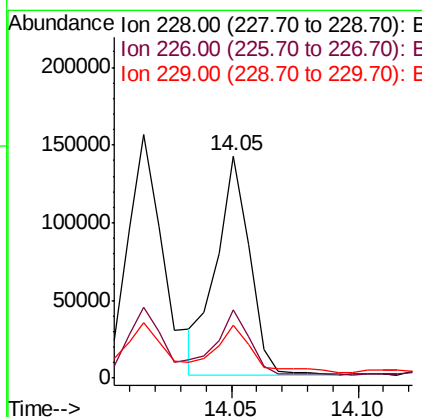
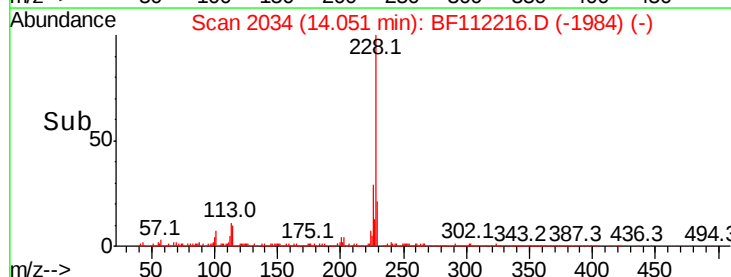
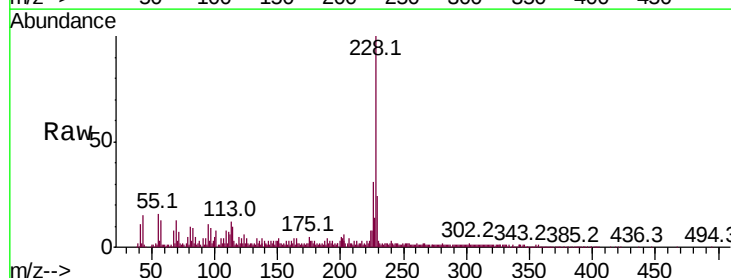
RT: 14.05 min Scan# 2034

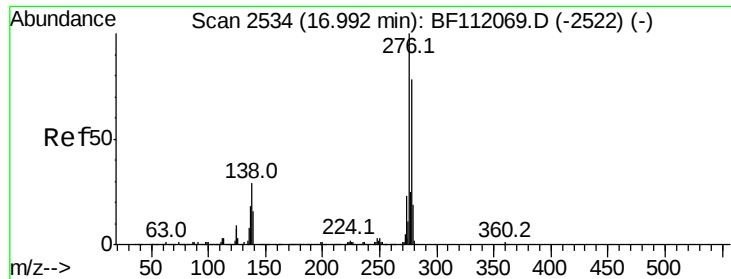
Delta R.T. -0.01 min

Lab File: BF112216.D

Acq: 24 Jan 2019 18:38

Tgt Ion:	228	Resp:	128975
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.0	37.6
229	23.6	16.6	24.8





#86

Indeno(1,2,3-cd)pyrene

Concen: 2.118 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF112216.D

Acq: 24 Jan 2019 18:38

Instrument :

BNA_F

ClientSampleId :

TS-P

Tot Ion:276 Resp: 46811

Ion Ratio Lower Upper

276 100

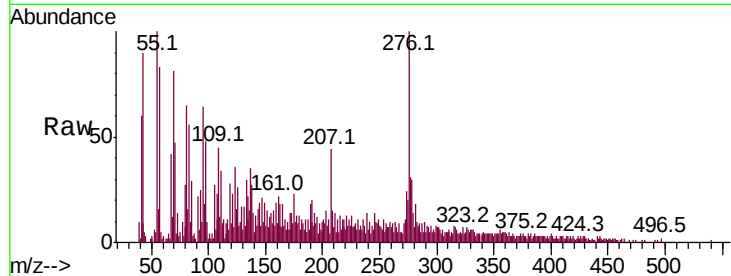
138 21.4 22.6 34.0#

277 25.7 20.3 30.5

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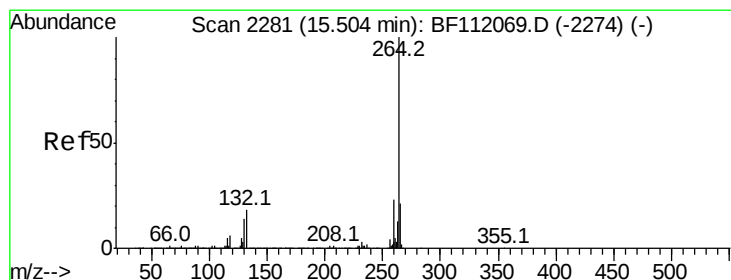
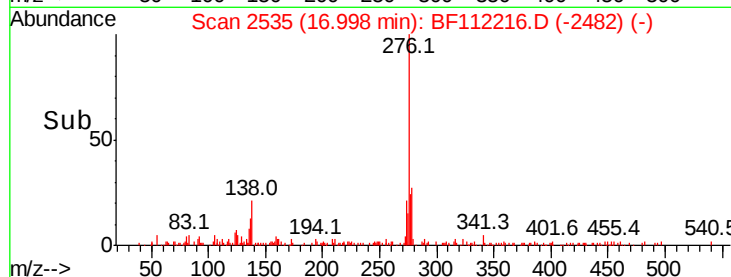
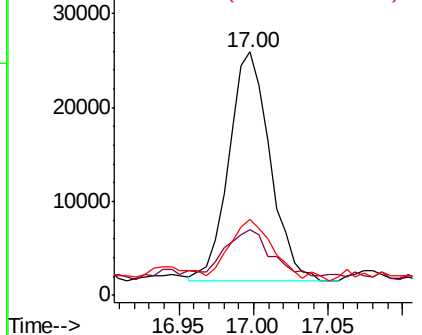
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.01 min

Lab File: BF112216.D

Acq: 24 Jan 2019 18:38

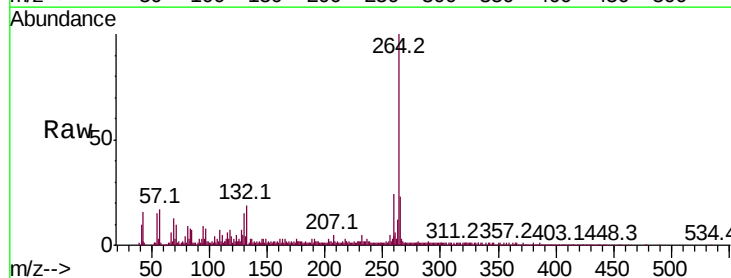
Tgt Ion:264 Resp: 310875

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.2

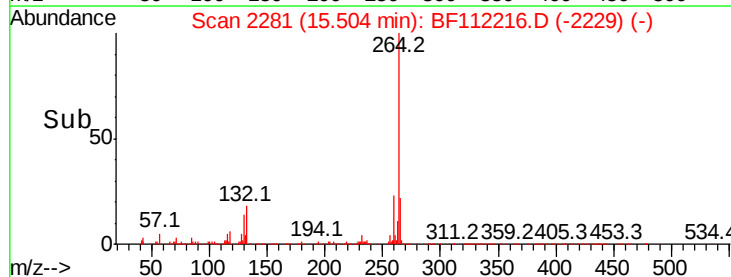
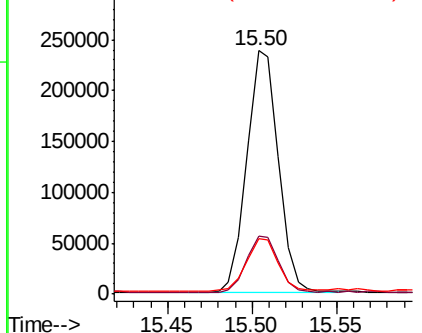
265 23.0 17.0 25.4

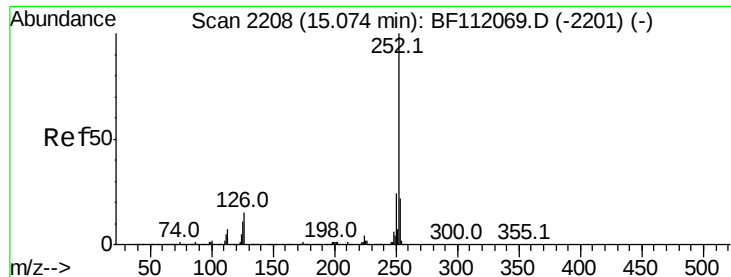


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





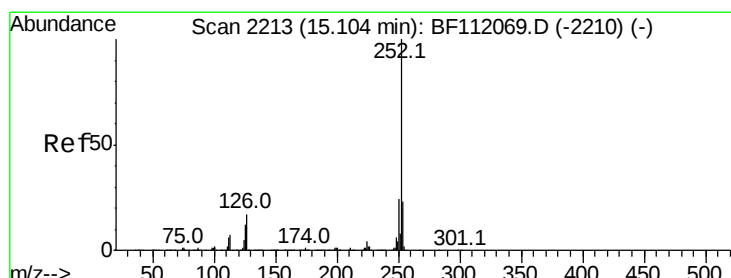
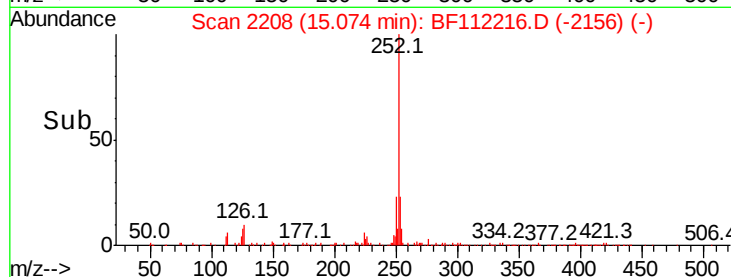
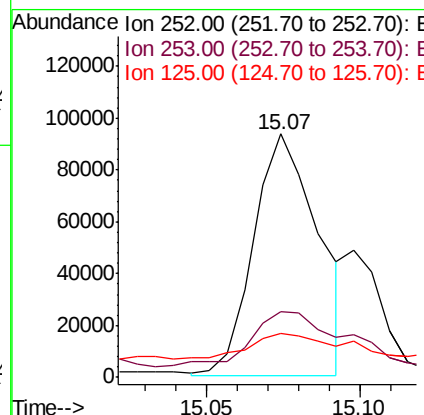
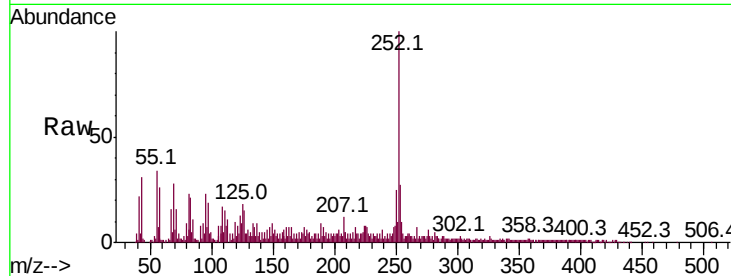
#88
Benzo(b)fluoranthene
Concen: 7.711 ng m
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF112216.D
Acq: 24 Jan 2019 18:38

Instrument :
BNA_F
ClientSampleId :
TS-P

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.0	27.0#
125	17.9	8.7	13.1#

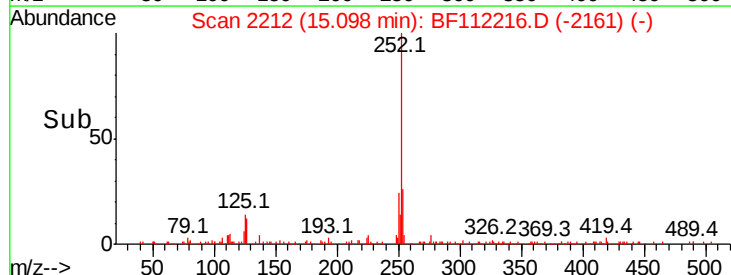
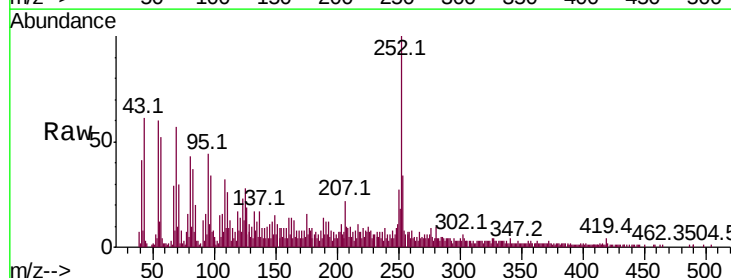
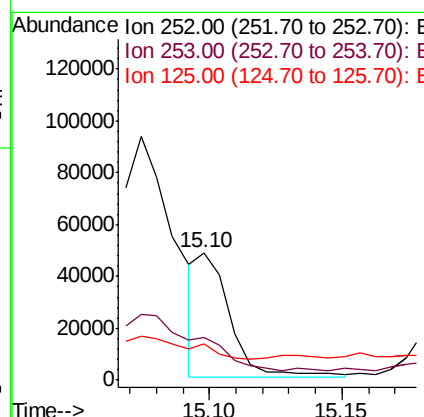
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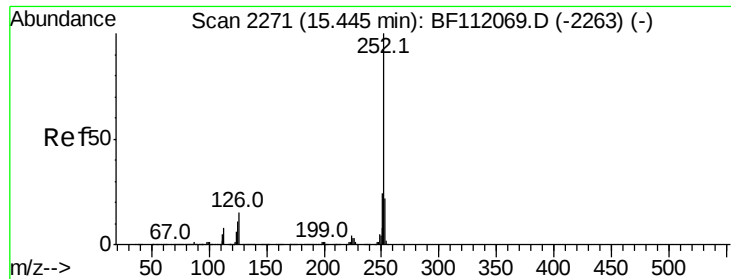
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#89
Benzo(k)fluoranthene
Concen: 2.513 ng m
RT: 15.10 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BF112216.D
Acq: 24 Jan 2019 18:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.7	18.0	27.0#
125	28.0	9.1	13.7#





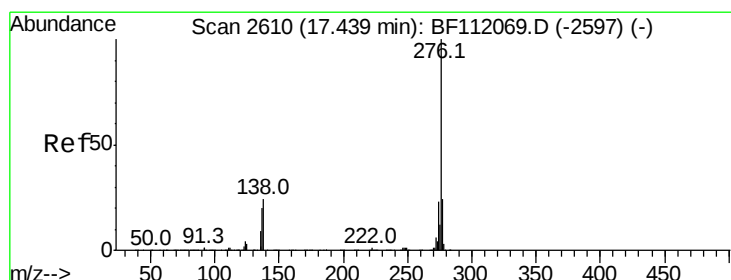
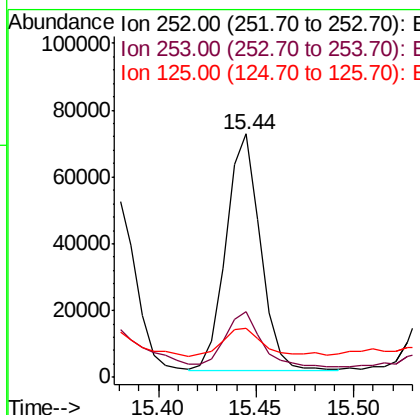
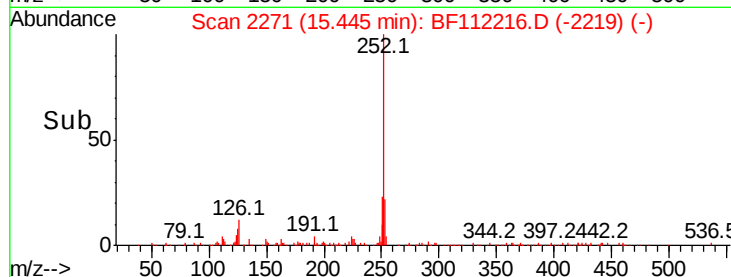
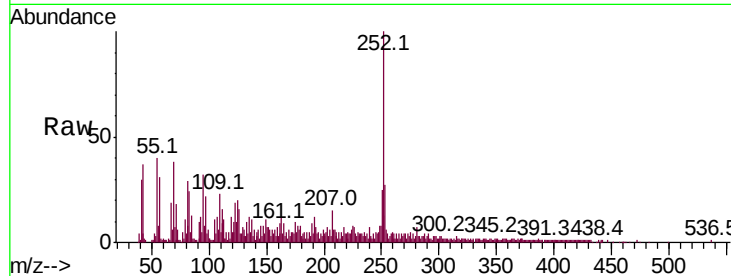
#90
Benzo(a)pyrene
Concen: 5.309 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF112216.D
Acq: 24 Jan 2019 18:38

Instrument :
BNA_F
ClientSampled :
TS-P

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.5	26.3#
125	20.3	9.0	13.4#

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#92
Benzo(g,h,i)perylene
Concen: 2.554 ng
RT: 17.45 min Scan# 2612
Delta R.T. 0.02 min
Lab File: BF112216.D
Acq: 24 Jan 2019 18:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	32.3	19.4	29.0#
138	25.5	19.1	28.7

